Updates to the NHSN COVID-19 Point of Care (POC) Test Result Reporting Tool (POC Tool)

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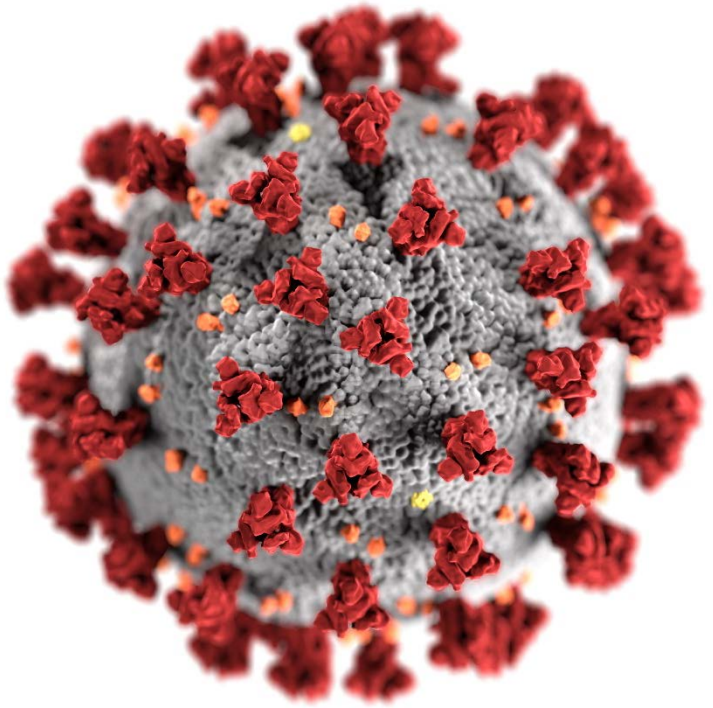
Surveillance Branch

Division of Healthcare Quality Promotion

Centers for Disease Control and Prevention

October 26 & October 27, 2021



cdc.gov/coronavirus

Agenda

- Race and Ethnicity Response Updates
- Coming Soon to NHSN- Multiplex Device Result Reporting
- Enhanced Sorting Capabilities for POC Device Selection
- Often Overlooked but Valuable Resources
- Question and Answer

Race and Ethnicity

Updated Response Options

Race and Ethnicity

- Race- describes physical traits and may also be identified as something you inherit
- Ethnicity- refers to cultural traits and is something that is learned

This is important for:

- Understanding trends in the COVID-19 pandemic
- Ensuring the wellbeing of racial and ethnic minority groups

NHSN classifies race according to the 5 races included in the Office of Management and Budget's (OMB) issued Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity

Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity | The White House (archives.gov)

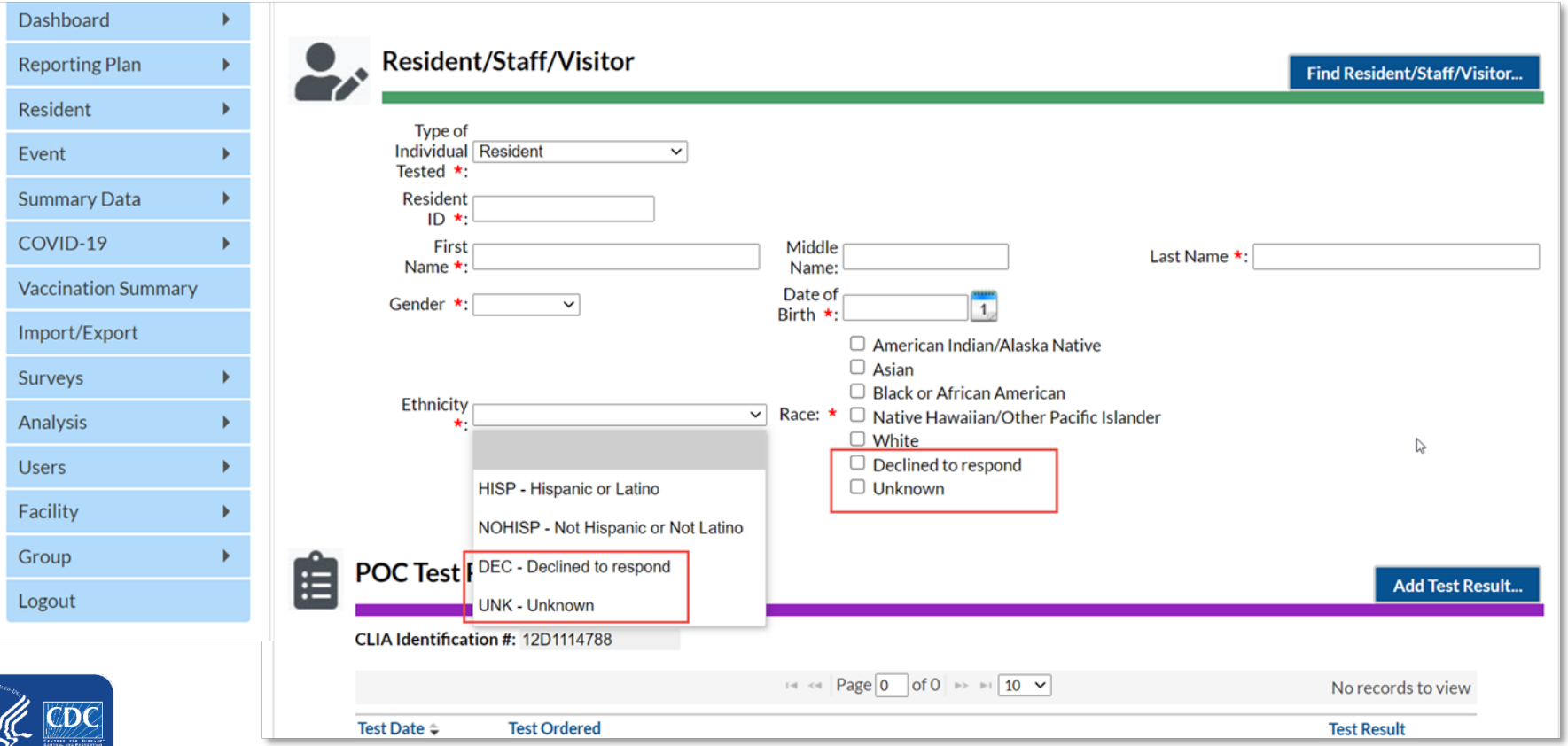
NHSN Race and Ethnicity Data Field Options

- **Race**
  - American Indian/Alaska Native
  - Asian
  - Black or African American
  - Native Hawaiian/Other Pacific Islander
  - White
- **Ethnicity**
  - Hispanic or Latino
  - Not Hispanic or Not Latino

NHSN Race and Ethnicity Data Field Options

- **Race**
  - American Indian/Alaska Native
  - Asian
  - Black or African American
  - Native Hawaiian/Other Pacific Islander
  - White
  - Declines to Respond
  - Unknown
- **Ethnicity**
  - Hispanic or Latino
  - Not Hispanic or Not Latino
  - Declines to Respond
  - Unknown

Locations of the New Response Options



Multiplex device Result Reporting

Multiplex Devices

- Provide multiple test results from 1 specimen
- Examples of other pathogens
  - Influenza Virus
  - Parainfluenza Virus
  - Respiratory Syncytial Virus
  - Human Pneumometavirus

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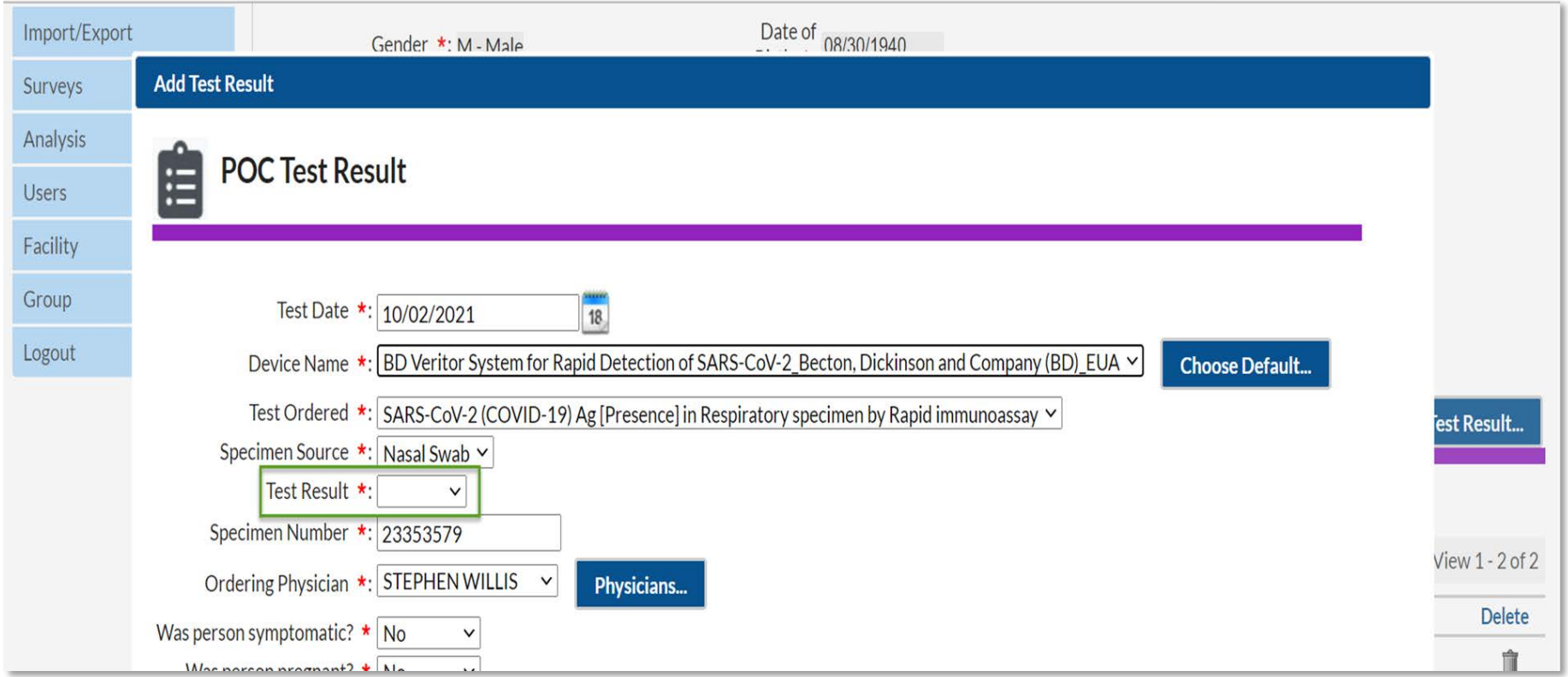
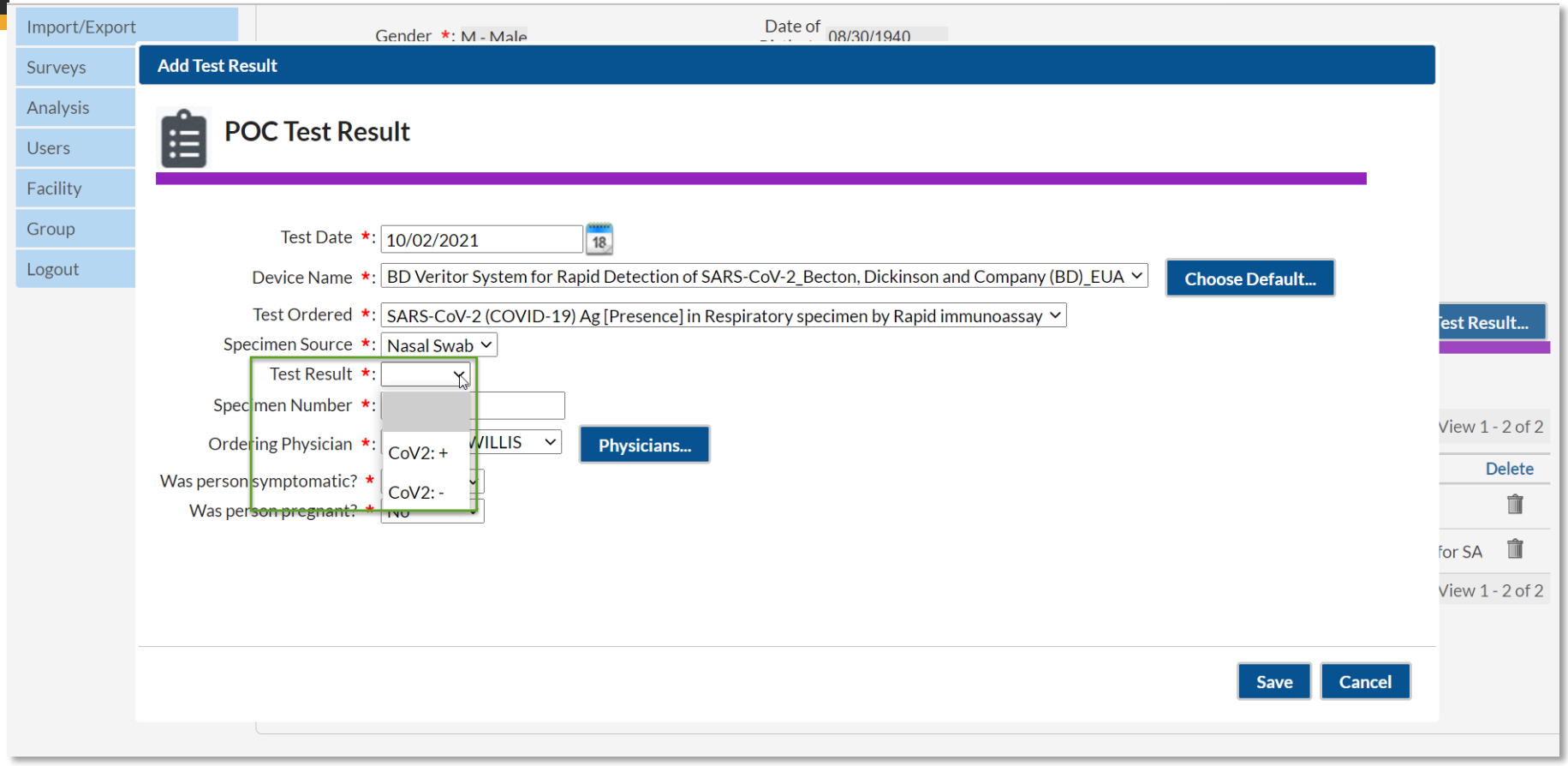
- Examples of other pathogens
  - Influenza Virus
  - Parainfluenza Virus
  - Respiratory Syncytial Virus
  - Human Pneumometavirus

Up to now the NHSN POC Tool has only allowed reporting of the SARS-CoV-2 result from these devices.

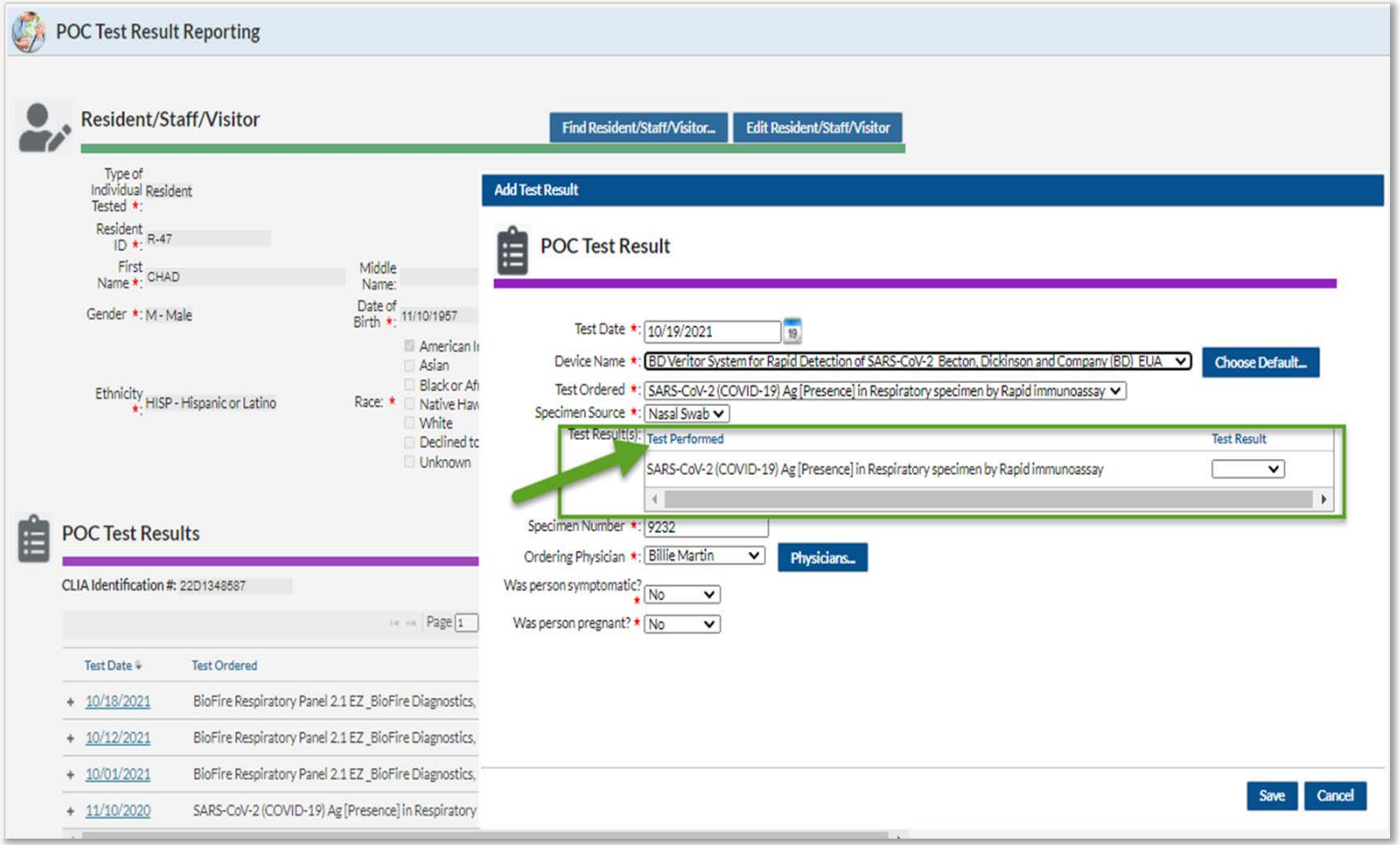
POC Test Results

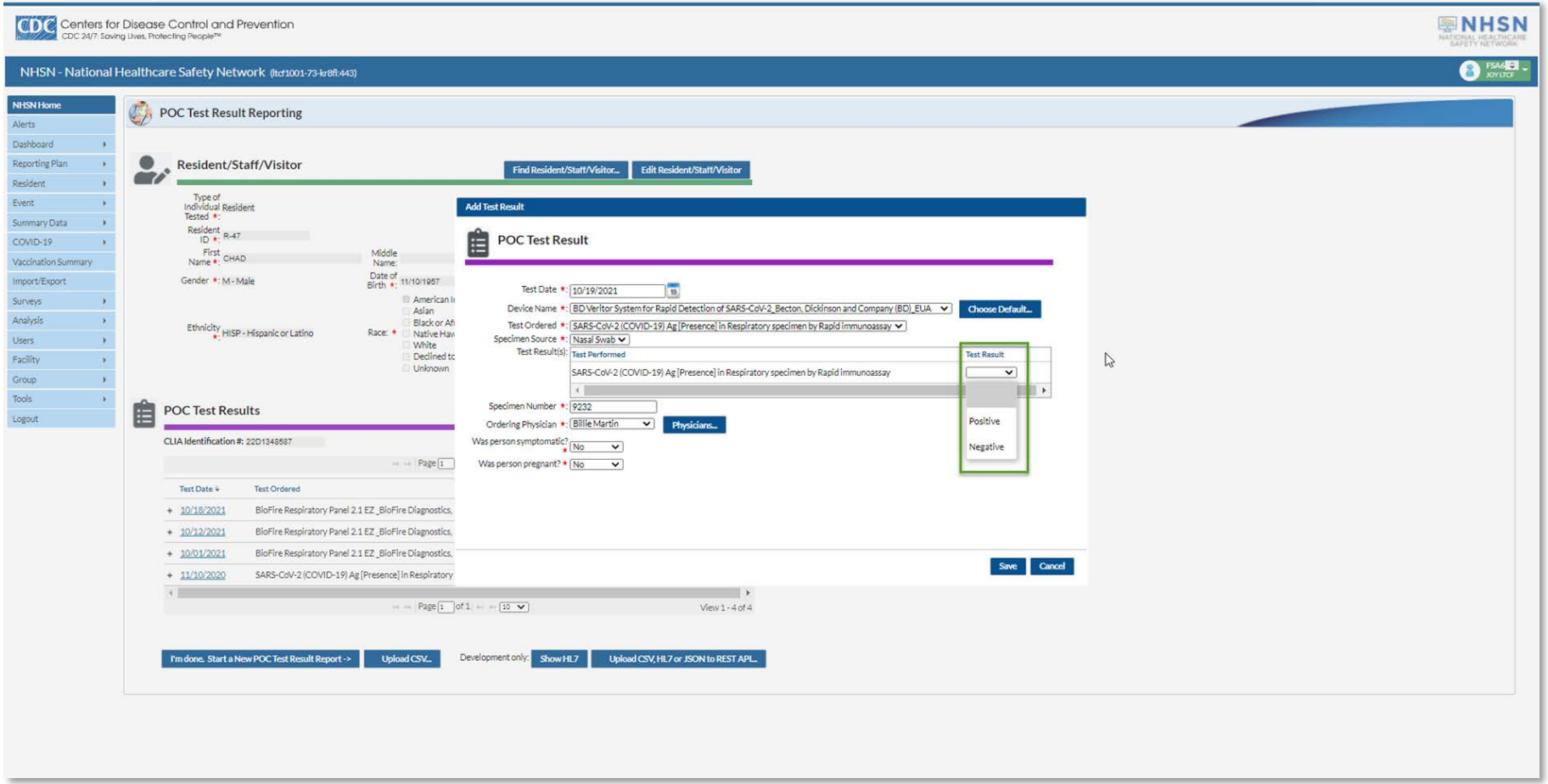


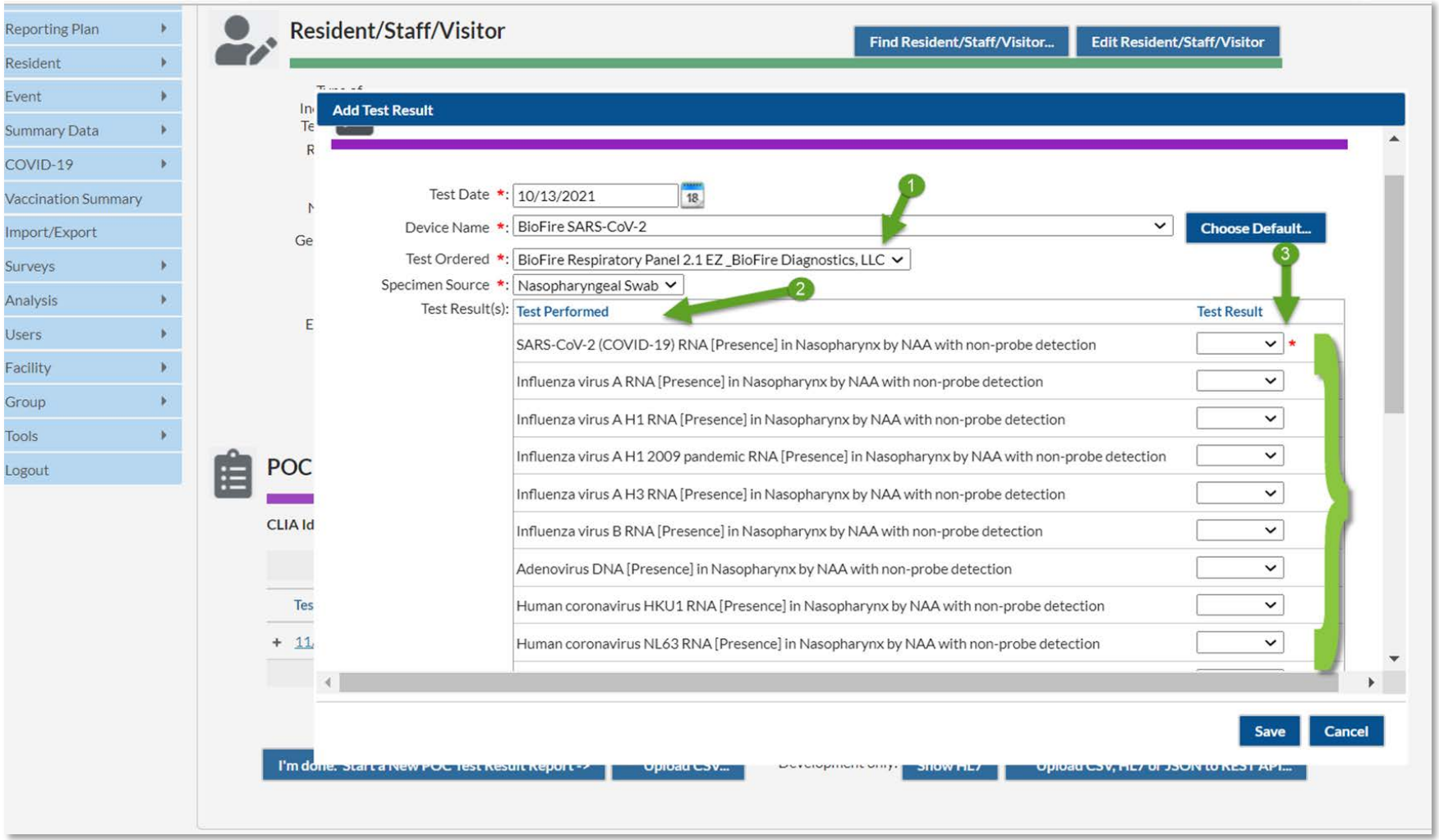
BD Veritor System

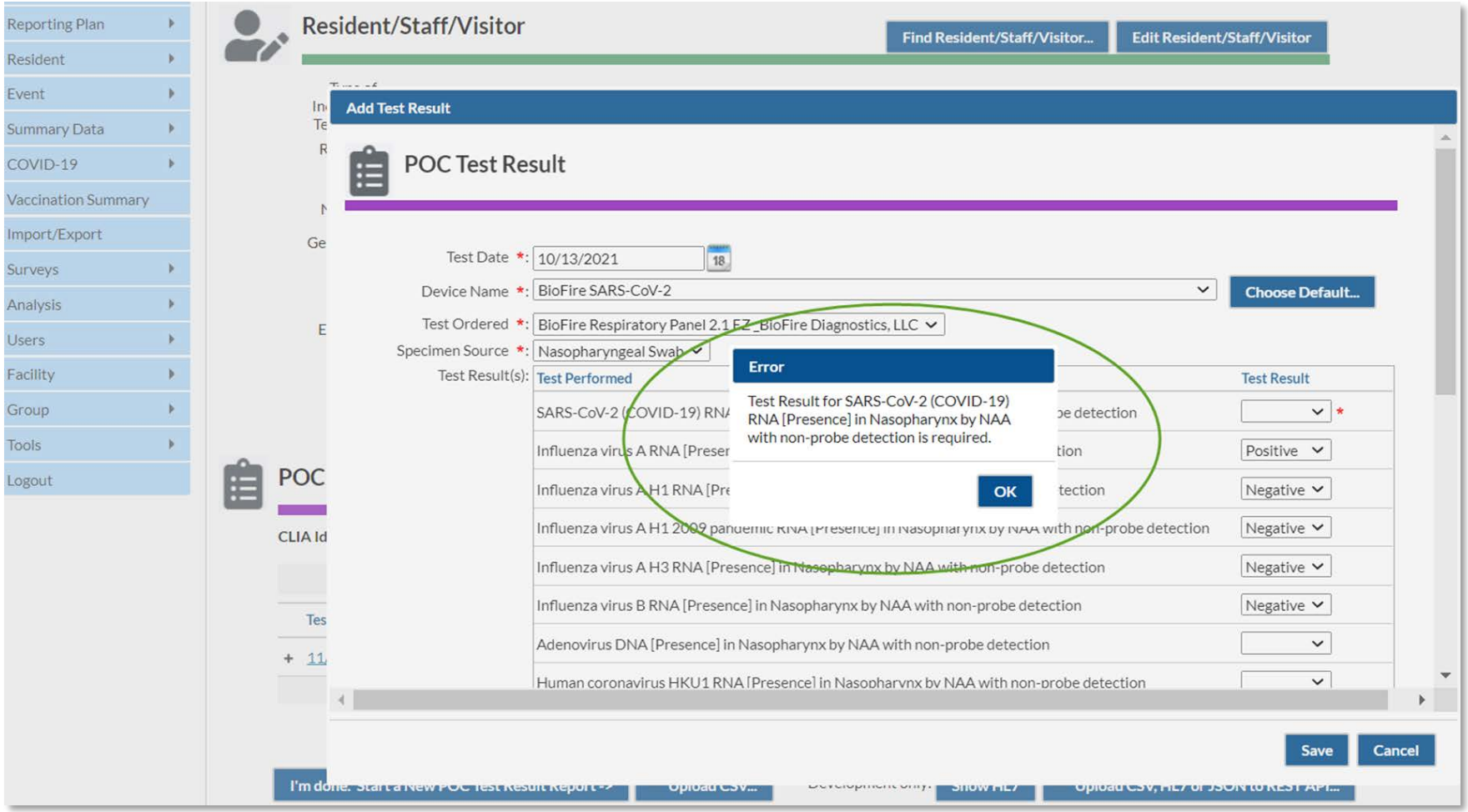


Test results




Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™
NHSN
NATIONAL HEALTHCARE SAFETY NETWORK
NHSN - National Healthcare Safety Network (ltcf1001-73-kr8fl:443)
FSA6
JOY LTCF
NHSN Home
Alerts
Dashboard
Reporting Plan
Resident
Event
Summary Data
COVID-19
Vaccination Summary
Import/Export
Surveys
Analysis
Users
Facility
Group
Tools
Logout
POC Test Result Reporting
Resident/Staff/Visitor
Find Resident/Staff/Visitor...
Edit Resident/Staff/Visitor
Type of Individual Tested *: Resident
Resident ID *: R-47
First Name *: CHAD
Middle Name:
Gender *: M - Male
Date of Birth *: 11/10/1957
Ethnicity *: HISP - Hispanic or Latino
Race: *
American I
Asian
Black or Af
Native Hav
White
Declined to
Unknown
POC Test Results
CLIA Identification #: 22D1348587
Page 1
Test Date
Test Ordered
10/18/2021 BioFire Respiratory Panel 2.1 EZ _BioFire Diagnostics,
10/12/2021 BioFire Respiratory Panel 2.1 EZ _BioFire Diagnostics,
10/01/2021 BioFire Respiratory Panel 2.1 EZ _BioFire Diagnostics,
11/10/2020 SARS-CoV-2 (COVID-19) Ag [Presence] In Respiratory
Page 1 of 1
10
View 1 - 4 of 4
I'm done. Start a New POC Test Result Report ->
Upload CSV...
Development only:
Show HL7
Upload CSV, HL7 or JSON to REST API...
Add Test Result
POC Test Result
Test Date *: 10/19/2021
Device Name *: BD Veritor System for Rapid Detection of SARS-CoV-2_Becton, Dickinson and Company (BD)_EUA
Choose Default...
Test Ordered *: SARS-CoV-2 (COVID-19) Ag [Presence] In Respiratory specimen by Rapid Immunoassay
Specimen Source *: Nasal Swab
Test Result(s):
Test Performed
SARS-CoV-2 (COVID-19) Ag [Presence] In Respiratory specimen by Rapid Immunoassay
Test Result
Positive
Negative
Specimen Number *: 9232
Ordering Physician *: Billie Martin
Physicians...
Was person symptomatic? *: No
Was person pregnant? *: No
Save
Cancel


Reporting Plan
Resident
Event
Summary Data
COVID-19
Vaccination Summary
Import/Export
Surveys
Analysis
Users
Facility
Group
Tools
Logout
Resident/Staff/Visitor
Find Resident/Staff/Visitor...
Edit Resident/Staff/Visitor
Add Test Result
Test Date *: 10/13/2021
Device Name *: BioFire SARS-CoV-2
Choose Default...
Test Ordered *: BioFire Respiratory Panel 2.1 EZ _BioFire Diagnostics, LLC
Specimen Source *: Nasopharyngeal Swab
Test Result(s):
Test Performed
Test Result
SARS-CoV-2 (COVID-19) RNA [Presence] in Nasopharynx by NAA with non-probe detection
Influenza virus A RNA [Presence] in Nasopharynx by NAA with non-probe detection
Influenza virus A H1 RNA [Presence] in Nasopharynx by NAA with non-probe detection
Influenza virus A H1 2009 pandemic RNA [Presence] in Nasopharynx by NAA with non-probe detection
Influenza virus A H3 RNA [Presence] in Nasopharynx by NAA with non-probe detection
Influenza virus B RNA [Presence] in Nasopharynx by NAA with non-probe detection
Adenovirus DNA [Presence] in Nasopharynx by NAA with non-probe detection
Human coronavirus HKU1 RNA [Presence] in Nasopharynx by NAA with non-probe detection
Human coronavirus NL63 RNA [Presence] in Nasopharynx by NAA with non-probe detection
Save
Cancel
POC
CLIA Id
1
2
3


Reporting Plan
Resident
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Summary Data
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Vaccination Summary
Import/Export
Surveys
Analysis
Users
Facility
Group
Tools
Logout
Resident/Staff/Visitor
Find Resident/Staff/Visitor...
Edit Resident/Staff/Visitor
Add Test Result
POC Test Result
Test Date *: 10/13/2021
Device Name *: BioFire SARS-CoV-2
Choose Default...
Test Ordered *: BioFire Respiratory Panel 2.1 EZ_BioFire Diagnostics, LLC
Specimen Source *: Nasopharyngeal Swab
Test Result(s):
Test Performed
Test Result
SARS-CoV-2 (COVID-19) RNA
Influenza virus A RNA [Presence]
Positive
Influenza virus A H1 RNA [Presence]
Negative
Influenza virus A H1 2009 pandemic RNA [Presence] in Nasopharynx by NAA with non-probe detection
Negative
Influenza virus A H3 RNA [Presence] in Nasopharynx by NAA with non-probe detection
Negative
Influenza virus B RNA [Presence] in Nasopharynx by NAA with non-probe detection
Negative
Adenovirus DNA [Presence] in Nasopharynx by NAA with non-probe detection
Human coronavirus HKU1 RNA [Presence] in Nasopharynx by NAA with non-probe detection
Error
Test Result for SARS-CoV-2 (COVID-19) RNA [Presence] in Nasopharynx by NAA with non-probe detection is required.
OK
Save
Cancel
POC
CLIA Id
I'm done. Start a New POC Test Result Report >>

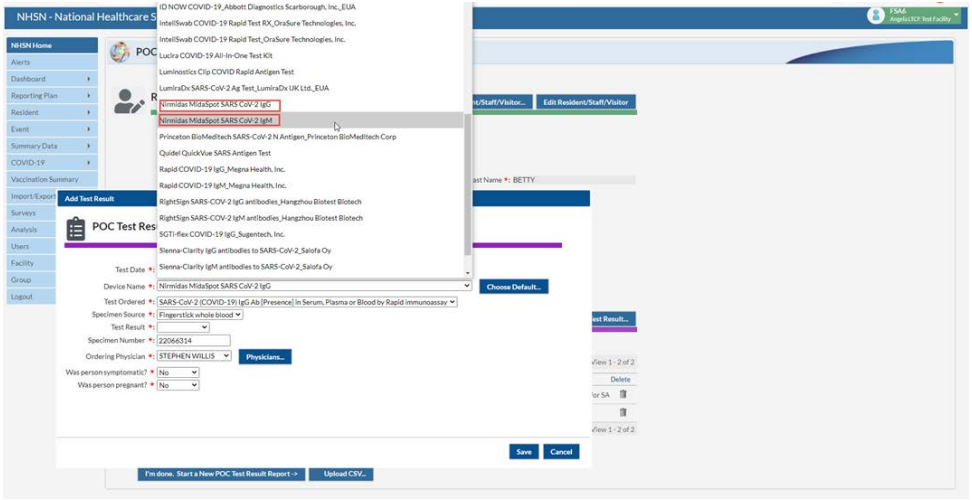
SARS-CoV-2 POC Devices

- **Antigen Tests**
  - Test for the presence of the organism causing disease

- **Antibody Tests**
  - Test for body's reaction to exposure to the virus
  - Not necessarily active disease
  - Different antibodies are produced at different stages of exposure
  - Some devices produce separate results for separate types of antibody

Reporting SARS-CoV-2 Antibody Results in NHSN

- Currently
  - Devices reporting both IgG and IgM results will be listed as 2 separate devices

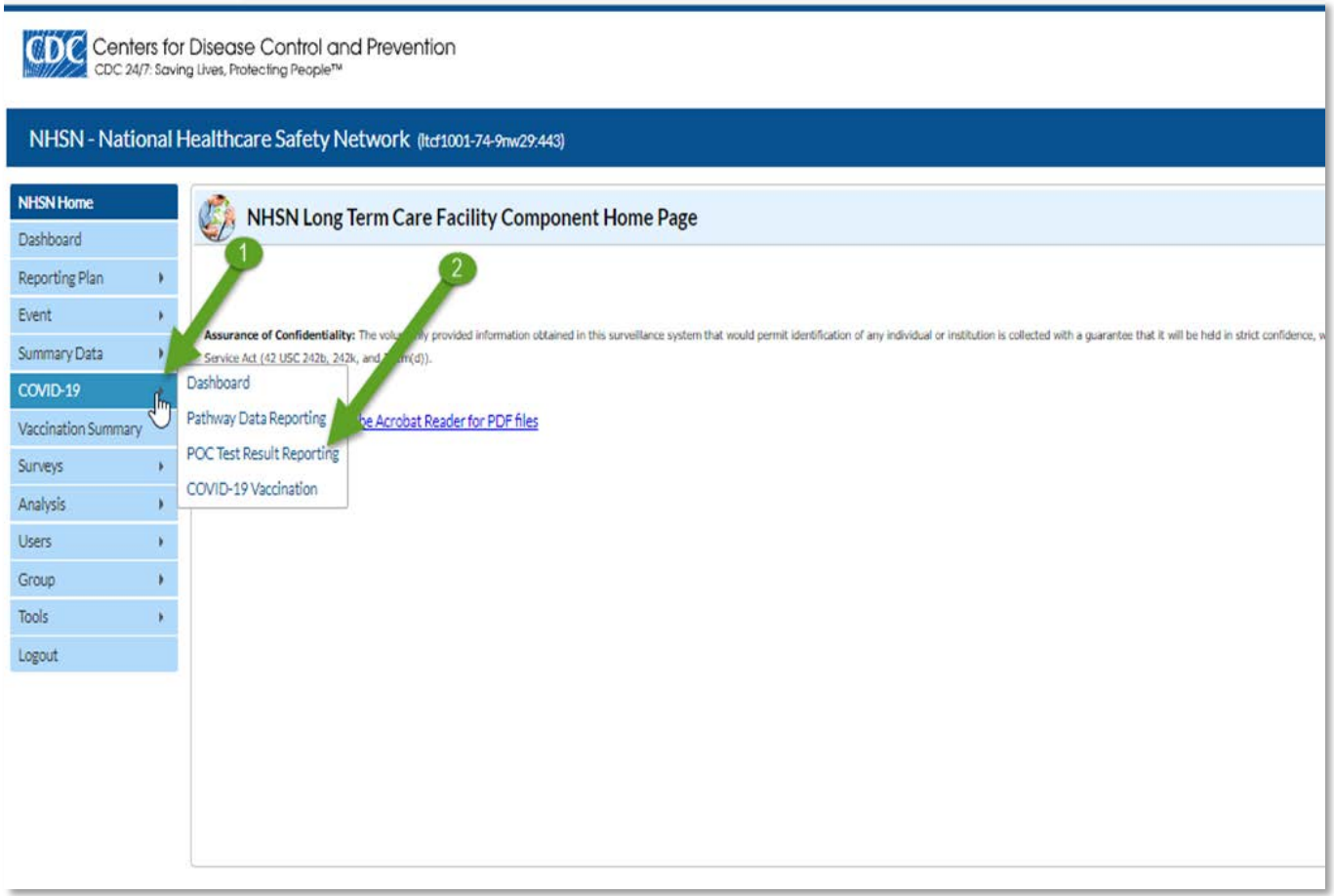


Future Date to be Determined:

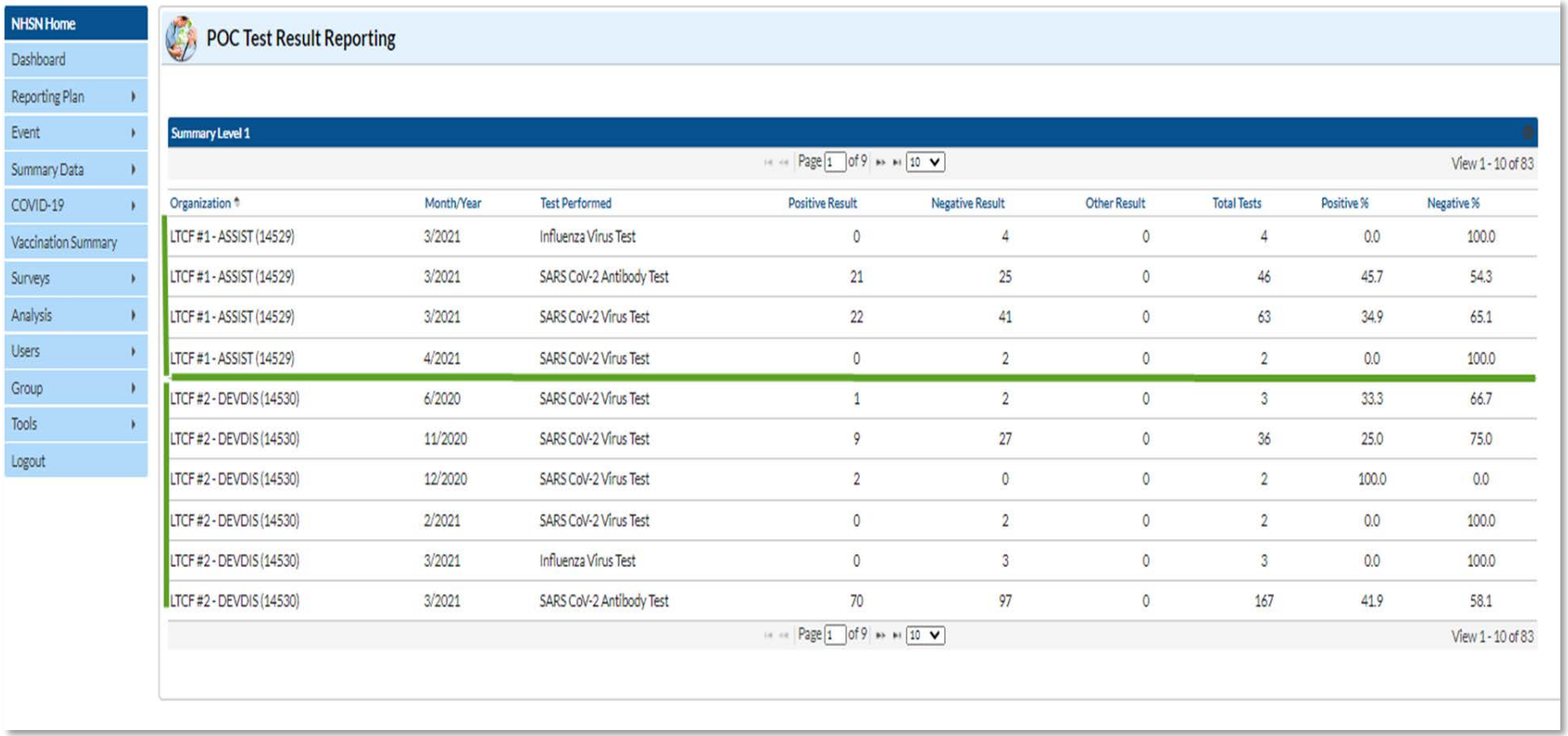
Devices reporting both IgG and IgM results will be listed as single device with option to report a result for

- IgG
- IgM

Group Users


Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™
NHSN - National Healthcare Safety Network (ltcf1001-74-9nw29:443)
NHSN Home
Dashboard
Reporting Plan
Event
Summary Data
COVID-19
Vaccination Summary
Surveys
Analysis
Users
Group
Tools
Logout
NHSN Long Term Care Facility Component Home Page
1
2
Assurance of Confidentiality:
Dashboard
Pathway Data Reporting
POC Test Result Reporting
COVID-19 Vaccination

Group Users



Organization	Month/Year	Test Performed	Positive Result	Negative Result	Other Result	Total Tests	Positive %	Negative %
LTCF #1 - ASSIST (14529)	3/2021	Influenza Virus Test	0	4	0	4	0.0	100.0
LTCF #1 - ASSIST (14529)	3/2021	SARS CoV-2 Antibody Test	21	25	0	46	45.7	54.3
LTCF #1 - ASSIST (14529)	3/2021	SARS CoV-2 Virus Test	22	41	0	63	34.9	65.1
LTCF #1 - ASSIST (14529)	4/2021	SARS CoV-2 Virus Test	0	2	0	2	0.0	100.0
LTCF #2 - DEVDIS (14530)	6/2020	SARS CoV-2 Virus Test	1	2	0	3	33.3	66.7
LTCF #2 - DEVDIS (14530)	11/2020	SARS CoV-2 Virus Test	9	27	0	36	25.0	75.0
LTCF #2 - DEVDIS (14530)	12/2020	SARS CoV-2 Virus Test	2	0	0	2	100.0	0.0
LTCF #2 - DEVDIS (14530)	2/2021	SARS CoV-2 Virus Test	0	2	0	2	0.0	100.0
LTCF #2 - DEVDIS (14530)	3/2021	Influenza Virus Test	0	3	0	3	0.0	100.0
LTCF #2 - DEVDIS (14530)	3/2021	SARS CoV-2 Antibody Test	70	97	0	167	41.9	58.1

POC Test Result Reporting

Summary Level 1

Page 1 of 9 | 10 | View 1 - 10 of 83

Organization	Month/Year	Test Performed	Positive Result	Negative Result	Other Result	Total Tests	Positive %	Negative %
LTCF #1 - ASSIST (14529)	3/2021	Influenza Virus Test	0	4	0	4	0.0	100.0
LTCF #1 - ASSIST (14529)	3/2021	SARS CoV-2 Antibody Test	21	25	0	46	45.7	54.3
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LTCF #1 - ASSIST (14529)	4/2021	SARS CoV-2 Virus Test	0	2	0	2	0.0	100.0
LTCF #2 - DEVDIS (14530)	6/2020	SARS CoV-2 Virus Test	1	2	0	3	33.3	66.7
LTCF #2 - DEVDIS (14530)	11/2020	SARS CoV-2 Virus Test	9	27	0	36	25.0	75.0
LTCF #2 - DEVDIS (14530)	12/2020	SARS CoV-2 Virus Test	2	0	0	2	100.0	0.0
LTCF #2 - DEVDIS (14530)	2/2021	SARS CoV-2 Virus Test	0	2	0	2	0.0	100.0
LTCF #2 - DEVDIS (14530)	3/2021	Influenza Virus Test	0	3	0	3	0.0	100.0
LTCF #2 - DEVDIS (14530)	3/2021	SARS CoV-2 Antibody Test	70	97	0	167	41.9	58.1

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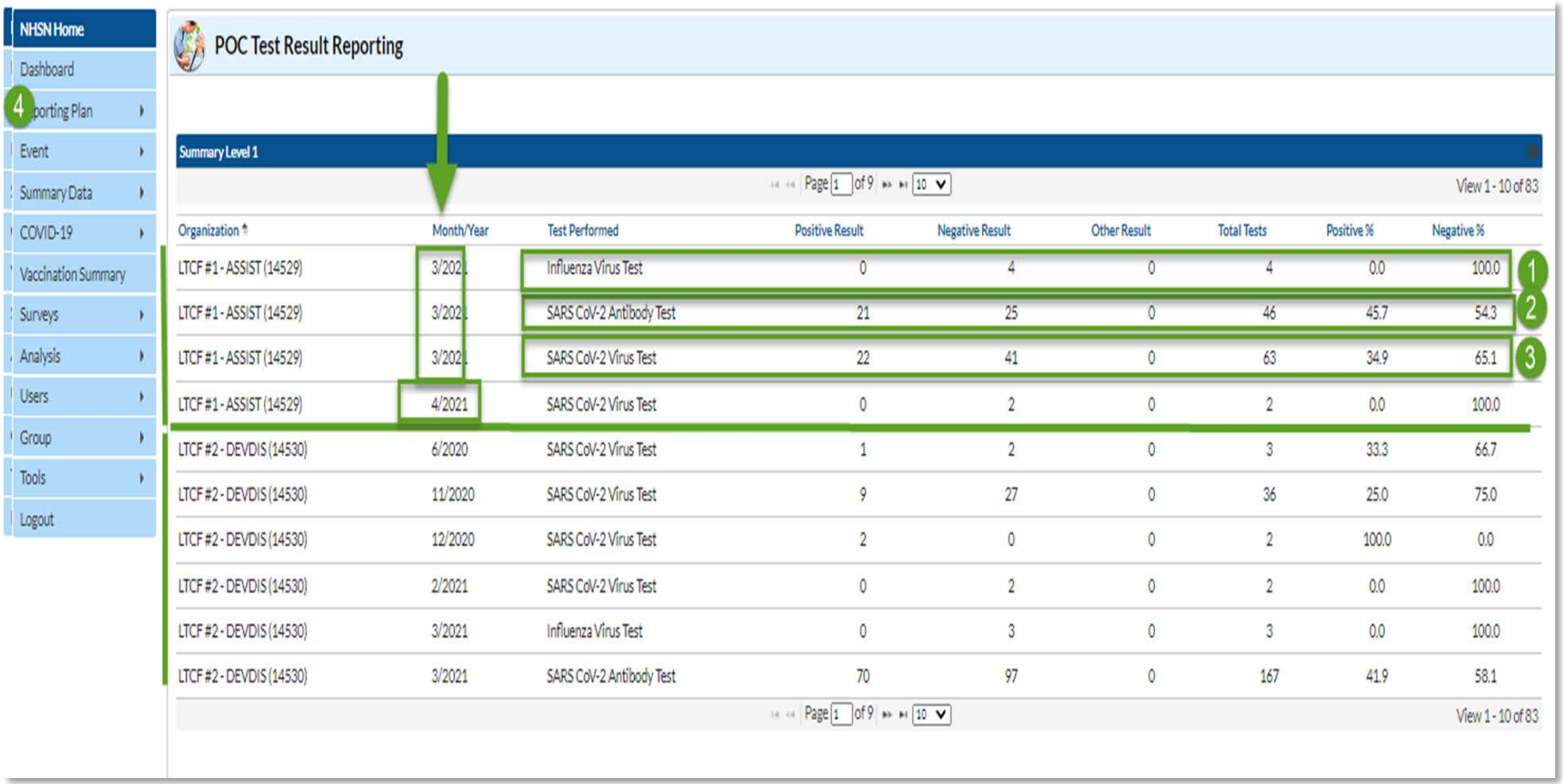

NHSN Home
Dashboard
4
porting Plan
Event
Summary Data
COVID-19
Vaccination Summary
Surveys
Analysis
Users
Group
Tools
Logout
POC Test Result Reporting
Summary Level 1
Page 1 of 9 10
View 1 - 10 of 83
Organization
Month/Year
Test Performed
Positive Result
Negative Result
Other Result
Total Tests
Positive %
Negative %
LTCF #1 - ASSIST (14529) 3/2021 Influenza Virus Test 0 4 0 4 0.0 100.0 1
LTCF #1 - ASSIST (14529) 3/2021 SARS CoV-2 Antibody Test 21 25 0 46 45.7 54.3 2
LTCF #1 - ASSIST (14529) 3/2021 SARS CoV-2 Virus Test 22 41 0 63 34.9 65.1 3
LTCF #1 - ASSIST (14529) 4/2021 SARS CoV-2 Virus Test 0 2 0 2 0.0 100.0
LTCF #2 - DEVDIS (14530) 6/2020 SARS CoV-2 Virus Test 1 2 0 3 33.3 66.7
LTCF #2 - DEVDIS (14530) 11/2020 SARS CoV-2 Virus Test 9 27 0 36 25.0 75.0
LTCF #2 - DEVDIS (14530) 12/2020 SARS CoV-2 Virus Test 2 0 0 2 100.0 0.0
LTCF #2 - DEVDIS (14530) 2/2021 SARS CoV-2 Virus Test 0 2 0 2 0.0 100.0
LTCF #2 - DEVDIS (14530) 3/2021 Influenza Virus Test 0 3 0 3 0.0 100.0
LTCF #2 - DEVDIS (14530) 3/2021 SARS CoV-2 Antibody Test 70 97 0 167 41.9 58.1
Page 1 of 9 10
View 1 - 10 of 83

Organization	Month/Year	Test Performed	Positive Result	Negative Result	Other Result	Total Tests	Positive %	Negative %
LTCF #1 - ASSIST (14529)	3/2021	Influenza Virus Test	0	4	0	4	0.0	100
LTCF #1 - ASSIST (14529)	3/2021	SARS CoV-2 Antibody Test	21	25	0	46	45.7	54.
LTCF #1 - ASSIST (14529)	3/2021	SARS CoV-2 Virus Test	22	41	0	63	34.9	65.
LTCF #1 - ASSIST (14529)	4/2021	SARS CoV-2 Virus Test	0	2	0	2	0.0	100
LTCF #2 - DEVDIS (14530)	6/2020	SARS CoV-2 Virus Test	1	2	0	3	33.3	66.
LTCF #2 - DEVDIS (14530)	11/2020	SARS CoV-2 Virus Test	9	27	0	36	25.0	75.
LTCF #2 - DEVDIS (14530)	12/2020	SARS CoV-2 Virus Test	2	0	0	2	100.0	0.0
LTCF #2 - DEVDIS (14530)	2/2021	SARS CoV-2 Virus Test	0	2	0	2	0.0	100
LTCF #2 - DEVDIS (14530)	3/2021	Influenza Virus Test	0	3	0	3	0.0	100
LTCF #2 - DEVDIS (14530)	3/2021	SARS CoV-2 Antibody Test	70	97	0	167	41.9	58.

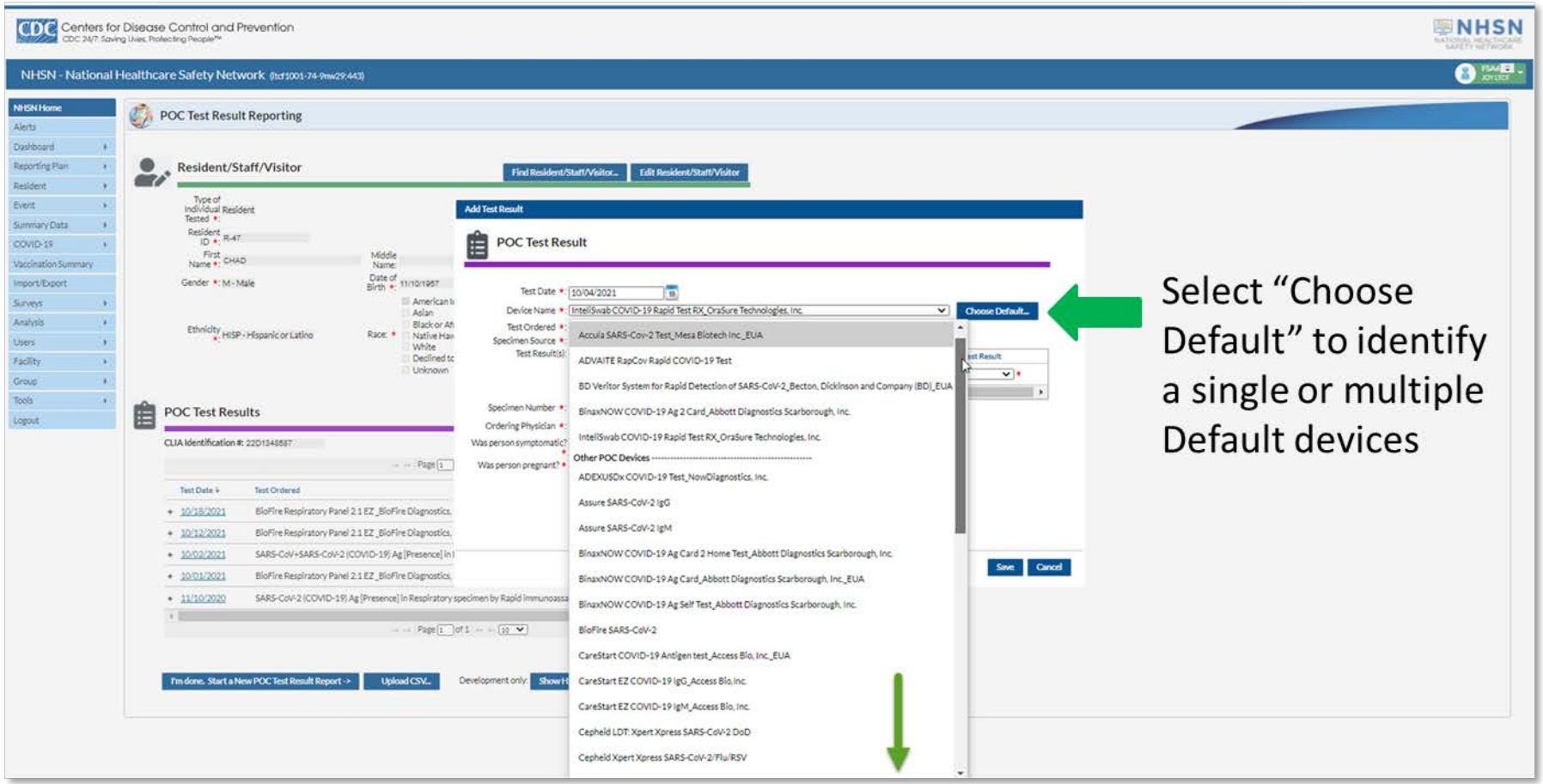
Page 1 of 9 10 View 1

Summary Level 2 - Orgid: 14529

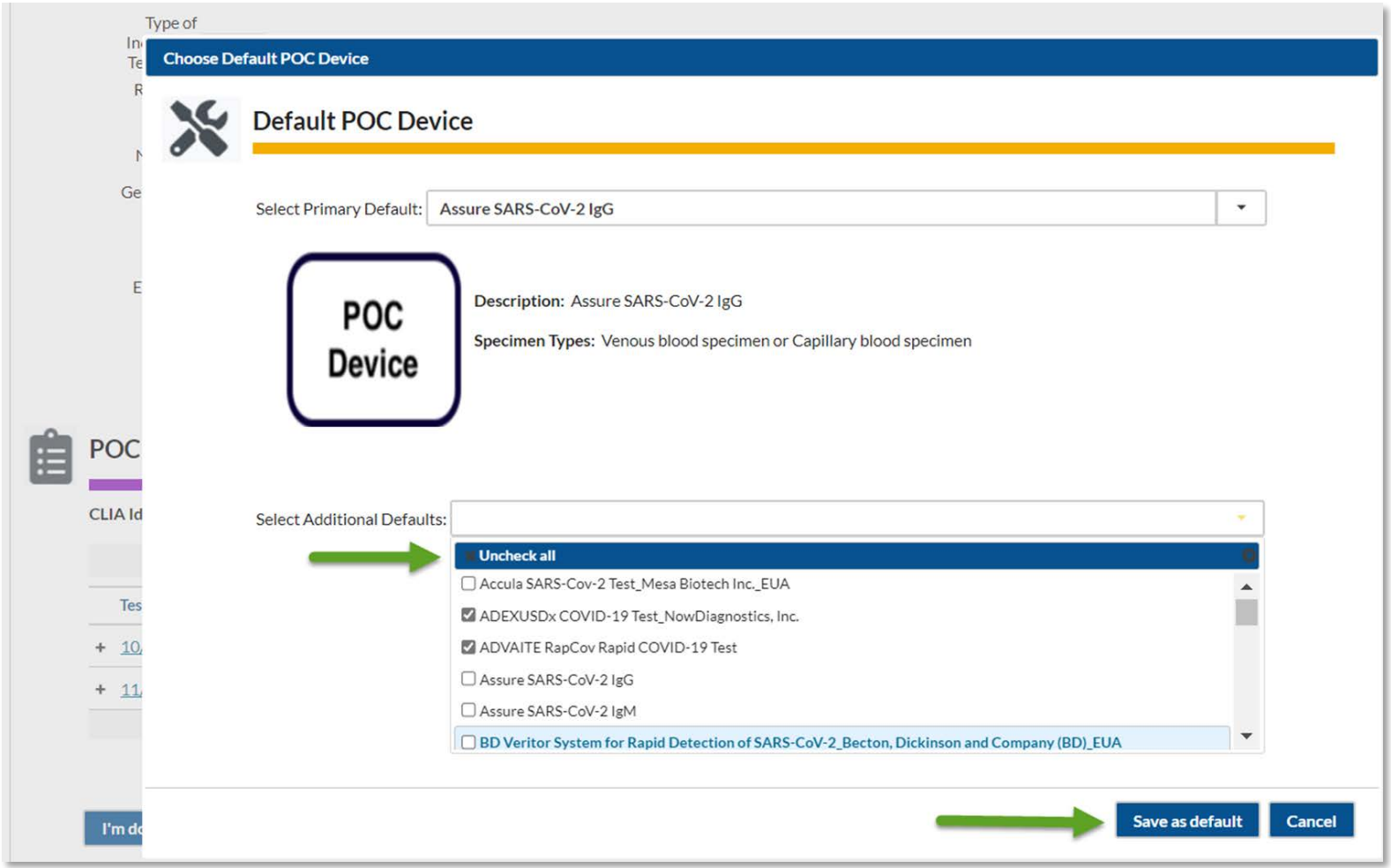
Page 1 of 5 10 View 1 - 10 of 46

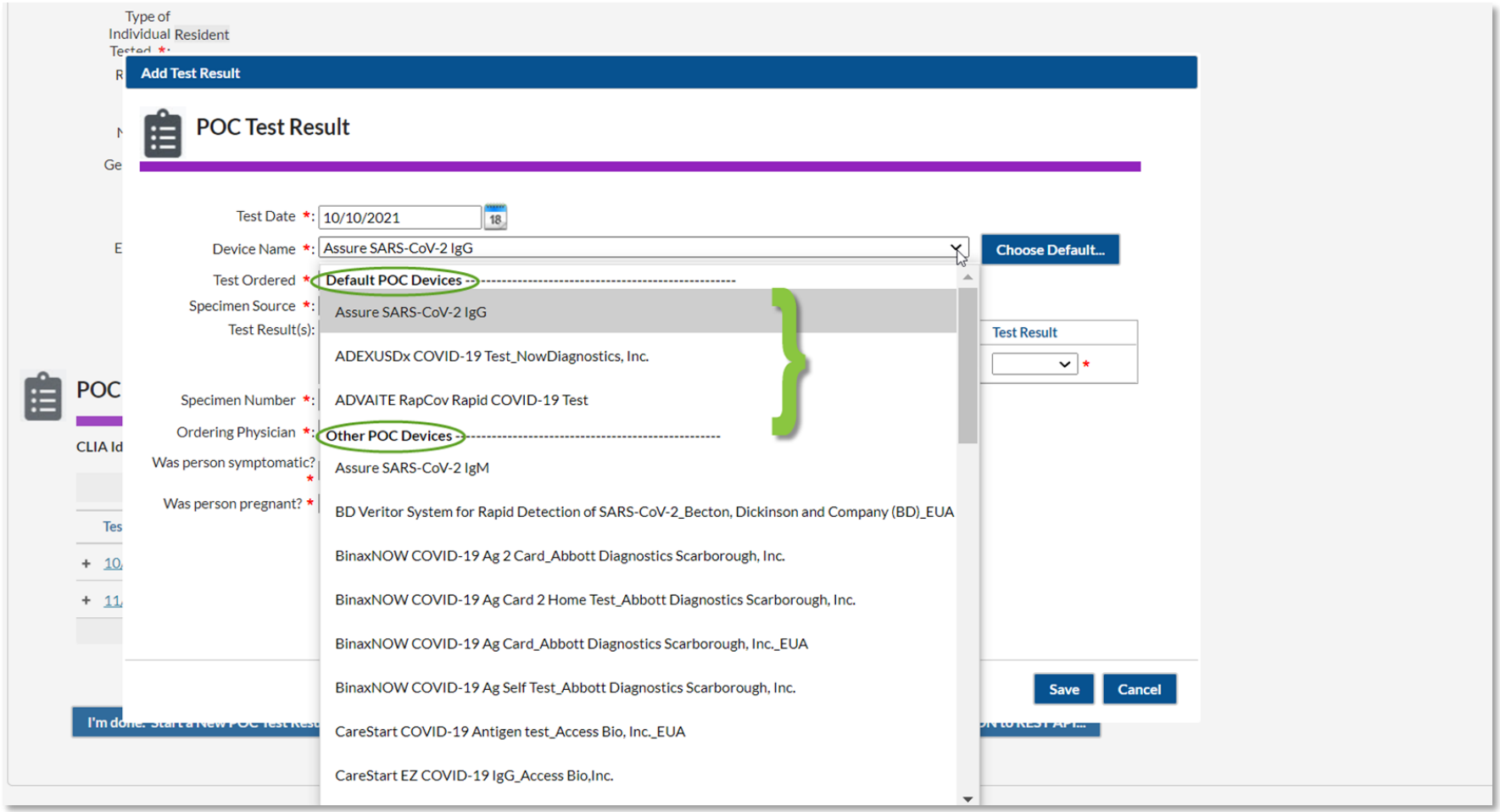
Date Tested	Individual Type	ID	Test Performed	Result
03/13/2021	Resident	C2838-RES-21	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES-4	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES1-21	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES1-4	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES2-21	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES2-4	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES3-21	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/13/2021	Resident	C2838-RES3-4	SARS-CoV-2 (COVID-19) IgG Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	NEG
03/15/2021	Resident	C2838-RES2-26	SARS-CoV-2 (COVID-19) IgM Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	POS
03/15/2021	Resident	C2838-RES3-26	SARS-CoV-2 (COVID-19) IgM Ab [Presence] in Serum, Plasma or Blood by Rapid immunoassay	POS

Enhanced Sorting POC Device List

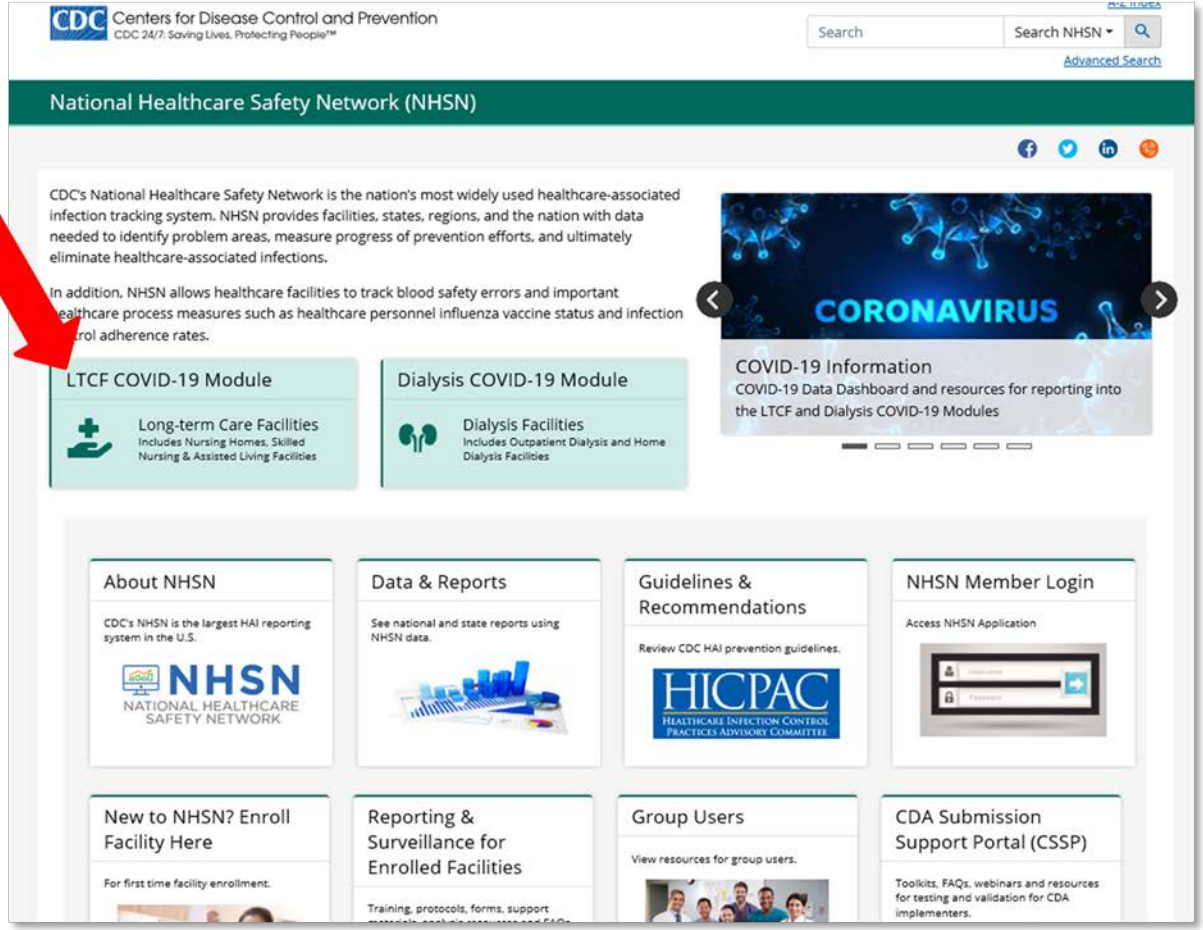


Select “Choose Default” to identify a single or multiple Default devices

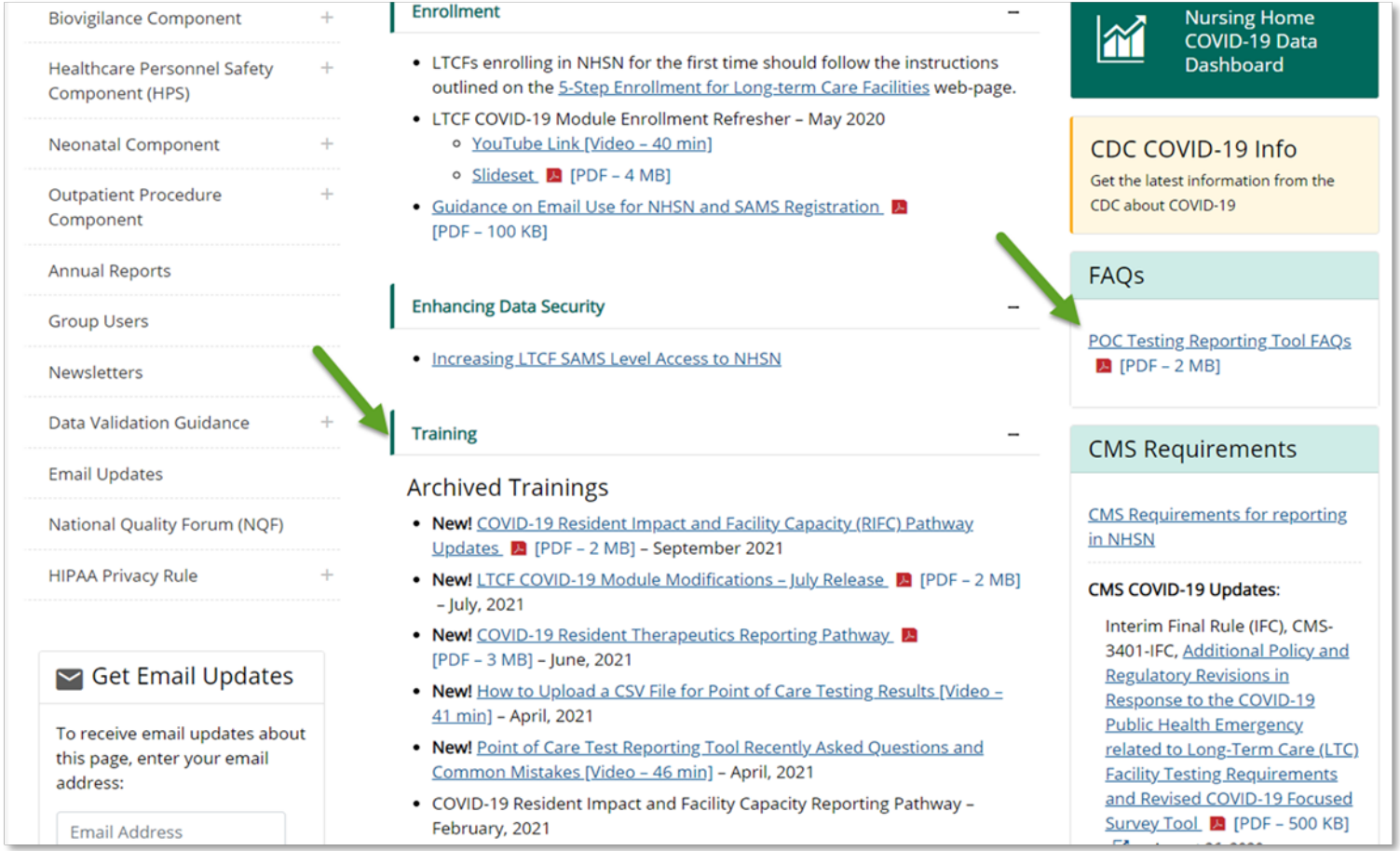

Type of
Choose Default POC Device
Default POC Device
Select Primary Default:
Assure SARS-CoV-2 IgG
POC Device
Description: Assure SARS-CoV-2 IgG
Specimen Types: Venous blood specimen or Capillary blood specimen
POC
CLIA Id
Select Additional Defaults:
Uncheck all
Accula SARS-Cov-2 Test_Mesa Biotech Inc._EUA
ADEXUSDx COVID-19 Test_NowDiagnostics, Inc.
ADVAITE RapCov Rapid COVID-19 Test
Assure SARS-CoV-2 IgG
Assure SARS-CoV-2 IgM
BD Veritor System for Rapid Detection of SARS-CoV-2_Becton, Dickinson and Company (BD)_EUA
Save as default
Cancel


Type of Individual Resident Tested *:
Add Test Result
POC Test Result
Test Date *: 10/10/2021
Device Name *: Assure SARS-CoV-2 IgG
Choose Default...
Test Ordered *:
Specimen Source *:
Test Result(s):
Test Result
Specimen Number *:
Ordering Physician *:
Was person symptomatic? *
Was person pregnant? *
Default POC Devices
Assure SARS-CoV-2 IgG
ADEXUSDx COVID-19 Test_NowDiagnostics, Inc.
ADVAITE RapCov Rapid COVID-19 Test
Other POC Devices
Assure SARS-CoV-2 IgM
BD Veritor System for Rapid Detection of SARS-CoV-2_Becton, Dickinson and Company (BD)_EUA
BinaxNOW COVID-19 Ag 2 Card_Abbott Diagnostics Scarborough, Inc.
BinaxNOW COVID-19 Ag Card 2 Home Test_Abbott Diagnostics Scarborough, Inc.
BinaxNOW COVID-19 Ag Card_Abbott Diagnostics Scarborough, Inc._EUA
BinaxNOW COVID-19 Ag Self Test_Abbott Diagnostics Scarborough, Inc.
CareStart COVID-19 Antigen test_Access Bio, Inc._EUA
CareStart EZ COVID-19 IgG_Access Bio,Inc.
Save
Cancel

Often Overlooked NHSN Resources



www.cdc.gov/nhsn/index.html



NHSN LTCF COVID-19 Module Website: https://www.cdc.gov/nhsn/ltc/covid19/index.html

POC FAQ Document

NHSN
NATIONAL HEALTHCARE SAFETY NETWORK

LONG-TERM CARE FACILITY (LTCF)
COVID-19 Point of Care (POC) Test Result Reporting Tool
Frequently Asked Questions

Topics (Choose one to be taken to bookmark in document)

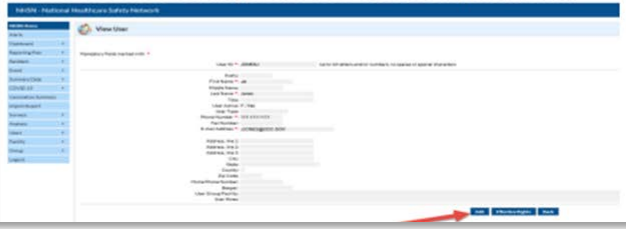
- Reporting Requirements
- Manually Adding a Test Result for a New Individual
- Adding Residents
- Adding Staff Demographic Data
- Uploading POC Test Results
- Reporting Results for Individuals from Canada or Mexico
- Reporting Results for Visitors
- CMS Qualifications
- Clinical Laboratory Improvement Amendments (CLIA) Number
- Secure Access Management Services (SAMS) Level
- Testing Requirements
- Resident, Staff or Visitor ID
- Race and Ethnicity
- Determining if Test Results Saved
- Deleting a Resident
- Deleting a Staff or Visitor
- Deleting Test Results
- Missing Option to Report POC Test Results
- Missing Option to Report Staff or Visitor POC Results
- Group Access to POC Data
- Training
- Miscellaneous

Missing Option to Report Staff or Visitor POC Results	**Why am I not seeing the option to report Point of Care (POC) test results for staff? How can I?**	If an NHSN User has rights to add Staff POC test data, the option for staff will be listed in the drop- down menu for Type of Individual Tested. However, for confidentiality reasons, NHSN has only defaulted the rights to enter staff POC test result data to the NHSN Facility Administrator (FacAd). This means that other NHSN users will not be able to add staff POC test data unless enabled by the NHSN FacAd. The NHSN FacAd can edit rights for other Users in the system to enter the data should he/she choose to do so. The NHSN FacAd will need to do this individually, for each person that they wish to have such rights. Please see the screen shots below for steps for an NHSN FacAd to assign "add, enter or delete", or "view" rights to staff POC test data, to additional facility NHSN members. **1. Once in the NHSN application, choose Users, and then Find from the options on the blue navigation bar and drop-down menu respectively**

RESPONSE

2. Type in the last name of the individual who is already an NHSN User in the facility. Choose Find

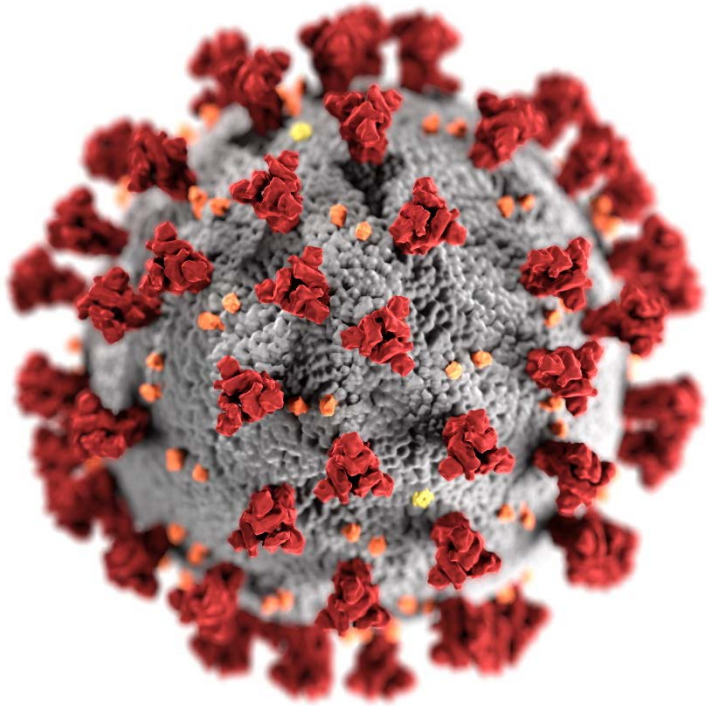
3. Once the user is located, on the View User screen, choose Edit.



Please email your questions to:

NHSN@cdc.gov

Include in your subject line “POC test reporting”



For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.